

Golden, Colorado
January 14, 1949

The Board of Trustees met in regular session on January 14, 1949, at 10:00 A.M., at the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Harrison, Stockmar, Thomas, and Vanderwilt.

Absent: Mr. Bowen.

President Parker and Mr. Steinhauer attended the meeting.

The minutes of the regular meeting of December 10, 1948, were read and approved.

Bills against the SCHOOL OF MINES TAX FUND, the EXPERIMENTAL PLANT FUND, the INDUSTRIAL DEVELOPMENT RESEARCH FUND and the ATHLETIC ASSOCIATION FUND were read, audited, and allowed as follows:

SCHOOL OF MINES TAX FUND

FACULTY

2977	William C. Aitkenhead	\$344.30
2978	Wilburn P. Anderson	236.63
2979	James L. Atteberry, Jr.	215.06
2980	Henry A. Babcock	252.29
2981	James O. Ball	387.20
2982	Clark F. Barb	387.55
2983	Robert L. Baugh	193.00
2984	Victor W. Bauman	228.88
2985	Robert A. Baxter	307.87
2986	Bernice Bowen	257.29
2987	Keith E. Bowen	223.50
2988	Fritz S. Brennecke	361.15
2989	John C. Brummel	203.89
2990	Arthur W. Buell	238.99
2991	Dean H. Burdick	257.37
2992	William V. Burger	233.26
2993	Frank R. Campbell	259.16
2994	Clark B. Carpenter	378.95

SCHOOL OF MINES TAX FUND

2995	F. M. Carpenter	272.85
2996	R. H. Carpenter	264.85
2997	Wm. J. Chaptis	228.98
2998	F. P. Clark	232.48
2999	John M. Coke	285.07
3000	Wm. A. Colburn	206.76
3001	George E. Cook	283.29
3002	H. F. Coolbaugh	457.00
3003	H. B. Corbin	291.45
3004	Albert J. Cornish	278.59
3005	H. M. Crain	392.04
3006	Wm. E. Cramer	326.77
3007	Harold O. Davison	248.60
3008	Joseph E. Davies	279.69
3009	Walter H. Dumke	277.42
3010	James H. Everett	304.71
3011	Edward G. Fisher	322.51
3012	Delton D. Flanders	306.72
3013	H. H. Fletcher	263.44
3014	John W. Gabelman	122.90
3015	Mervin C. Gardels	207.49
3016	H. S. Geissler	244.37
3017	A. V. Coyne, Jr.	206.76
3018	Donald C. Gregg	207.49
3019	James E. Haff	211.95
3020	L. W. Hartkender	303.81
3021	Ivan L. Hebel	336.06
30222	Julius A. Heeren	283.29
3023	George W. Heim	233.94
3024	K. S. Herness	211.47
3025	Ralph C. Holmer	229.18
3026	W. Warren Howe	338.71
3027	Mary E. Hoyt	219.34
3028	E. H. Jacobs	238.49
3029	George W. Johnson	220.58
3030	J. Harlan Johnson	318.76
3031	D. C. Johnston	287.99
3032	William H. Jurney	326.46
3033	John H. Karanigios	166.39
3034	Paul H. Keating	239.31
3035	Albert H. Keenan	307.39
3036	John J. Kelley	324.31
3037	T. A. Kelly	323.65
3038	Harry E. Kelsey	281.15
3039	Truman H. Kuhn	311.88
3040	John W. Lantow	207.49
3041	R. H. Leaver	223.50
3042	George W. LeMaire	251.51
3043	Leslie W. LeRoy	305.60
3044	William S. Levings	228.88
3045	A. H. Lindley, Jr.	199.19
3046	C. W. Livingston	387.46
3047	V. Allan Long	332.16
3048	T. B. McPherson	240.52
3049	Warren J. Mason	220.58
3050	W. D. Mateer	257.29

SCHOOL OF MINES TAX FUND

3051	George T. Meredith	295.93
3052	Wm. M. Mueller	231.68
3053	Carl G. Nordquist	223.36
3054	Robert B. Osborn	284.45
3055	Ben H. Parker	617.28
3056	Thomas E. Paynter	269.56
3057	Robert T. Phelps	291.91
3058	A. L. Pierce	206.08
3059	R. D. Preston	277.38
3060	A. L. Rae	262.85
3061	Stanley Reichert	228.88
3062	W. M. Richtmann	358.55
3063	F. K. Sabott	212.93
3064	George W. Salzer	356.95
3065	George E. Schade	232.18
3066	H. E. Short	250.81
3067	H. I. Signer	426.24
3068	F. H. Smiley, Jr.	228.88
3069	Fred T. Smith	216.78
3070	Norton C. Smith	236.07
3071	Sigmond L. Smith	291.91
3072	Gladys W. Sparr	194.47
3073	Charles W. Starks	224.04
3074	Gurnett Steinhauser	406.19
3075	W. Stewart Alan	218.24
3076	H. E. Stommel	237.97
3077	Frederick Straus	73.45
3078	Helen B. Traver	181.70
3079	A. B. Van Tine	220.58
3080	F. M. Van Tuyl	360.20
3081	Warren R. Wagner	280.36
3082	L. D. Ward	357.82
3083	A. F. Wichmann	315.36
3084	Virginia Lee Wilcox	185.65
3085	Art Williams	225.64

TOTAL FACULTY PAYROLL

29,589.09

CIVIL SERVICE

3086	Doloras J. Alderman	130.02
3087	George E. Atkinson	139.92
3088	C. A. Bacon	126.42
3089	Stanley Bittle	111.80
3090	W. F. Bridges	145.30
3091	Harold V. Brobeck	152.06
3092	Irene L. Brown	146.32
3093	Dorothea M. Browning	18.06
3094	George H. Carna	114.35
3095	Engra R. Childers	154.25
3096	J. L. Cooper	126.87

January 14, 1949

SCHOOL OF MINES TAX FUND

3097	David H. Davison	144.75
3098	Crason L. Doss	273.30
3099	Sterling L. Dryden	130.27
3100	Ann M. Dukes	156.50
3101	Fred D. Hasley	159.22
3102	Merle Graves	110.52
3103	Harrison, Bert F.	134.55
3104	Louis J. Hartmann	125.57
3105	Doris P. Haynes	138.95
3106	C. G. Hemberger	208.04
3107	J. J. Hemberger	195.00
3108	Chester P. Herr	125.45
3109	Violet K. Horning	146.29
3110	Karl L. Johnson	159.22
3111	Edward Lange	142.17
3112	William Leo	139.22
3113	Donald Ljungvall	140.29
3114	Fred Ljungvall	159.74
3115	Charles Marchand	159.22
3116	O. F. Maughan	169.40
3117	Chris Mester	146.11
3118	Lois Note	134.72
3119	Maurice Nelson	114.35
3120	Clarence Nicholls	206.44
3121	M. P. O'Neil	168.41
3122	John W. Pickthall	216.90
3123	Dorothy J. Prouse	123.87
3124	Jacob T. Pyle	125.87
3125	Stanley Ratajczyk	125.45
3126	James R. Rich	143.09
3127	Robert E. Richards	167.50
3128	Kenneth Robinson	111.80
3129	Elinor C. Ryan	138.77
3130	Ruth R. Sackett	147.12
3131	Albert E. Simpson	144.99
3132	James L. Simpson	118.57
3133	James Smith	179.40
3134	Mary C. Son	161.51
3134	Gustaf F. Stalgren	125.45
3136	Myrtle Stephens	130.02
3137	Leslie B. Talbert	140.05
3138	Charles S. Thomas	125.44
3139	William F. Tobin	207.47
3140	Louise M. Waters	130.50
3141	A. G. Webster	152.66
3142	Mary M. Wilkerson	144.45

TOTAL CIVIL SERVICE PAYROLL

8,313.96

SCHOOL OF MINES TAX FUND
MISCELLANEOUS

3143	John W. Bridges	105.70
3144	William D. Caldwell	105.70
3145	Nick Caluti	116.35
3146	Patricia Campbell	135.10
3147	Mildred Earl	67.56
3148	Mildred Essary	107.16
3149	Robert E. Gibson	105.70
3150	Herbert F. Gunderson	50.00
3151	John C. Hagen	40.00
3152	Joan D. Jenkins	135.40
3153	E. A. Kehn	133.33
3154	Sally McMurrian	67.50
3155	Edward S. Maddox	105.70
3156	Thomas Marvin	90.07
3157	Ruth Radojits	126.20
3158	Dorothy J. Rae	12.35
3159	Rose Marie Howe	128.95
3160	Edward E. Rue	40.00
3161	Welda Sandidge	135.10
3162	Vera Sells	124.18
3163	Joyce Warfel	135.10

TOTAL MISCELLANEOUS

2,067.15

STUDENT HELP

3164	William D. Baker	19.50
3165	Dick Bench	6.50
3166	Jack B. Bennett	35.10
3167	Harry L. Bevers	7.80
3168	Kenneth C. Bowman	7.80
3169	William D. Brown	19.34
3170	John T. Bennett	17.55
3171	David Childers	20.80
3172	L. Stevens Conder	19.50
3173	James R. Cross	9.75
3174	J. P. Dempsey	39.00
3175	Warren S. Dronen	15.60
3176	Virgle L. Easterwood	13.33
3177	Robert R. Edison	9.75
3178	George E. Fentress	13.65
3179	Chuck Fitch	9.75
3180	Ross A. Harris	61.10
3181	Wm. H. Hostetter	13.00
3182	Lyle R. Jenkins	7.47
3183	Richard L. Klebe	19.50
3184	Norman Korn	39.00
3185	Louis L. Landers	19.50
3186	P. L. Lawrence	20.80
3187	Dorington G. Little	6.01

January 14, 1949

SCHOOL OF MINES TAX FUND

3188	Robert W. Meader	19.50	
3189	John D. Mitilineos	23.40	
3190	David P. Morse	17.55	
3191	Robert B. Owen	35.10	
3192	James M. Perkins	13.00	
3193	Glenn J. Kullter	11.05	
3194	Robert B. Shaller	18.85	
3195	Frank E. Siegfroid	13.00	
3196	Joseph Siegelman	29.25	
3197	Maxwell Silverman	23.56	
3198	David Singer	4.23	
3199	Harvey W. Smith	45.50	
3200	Jack Sutton	19.50	
3201	Howard A. Vosper	8.61	
3202	Robert G. Wheeler	29.25	
3203	Herton O. Whitlow	25.03	
3204	K. F. Winslow	28.60	
3205	Howard C. Worsel	6.50	
3206	Richard M. Zorb	18.20	

TOTAL STUDENT HELP 840.78

2610	Withholding Tax Account	2,908.40	
2611	Pub. Emp. Retirement Fund	1,380.65	
2612	Colorado Hospital Service	539.58	
2613	State Civil Service Emp. Serv.	18.95	
2614	War Bond Account	257.88	5,105.46
2615	State's Share Retirement	1,366.76	<u>1,366.76</u>

TOTAL PAYROLL 47,283.20
45,916.44

EXPERIMENTAL PLANT

144	Clair Dillon	182.95	
145	R. B. Eldredge	195.44	
146	Samuel Gamble	156.98	
147	H. J. Lunt	242.18	
148	Emmitt R. Maddox	162.21	
149	George T. Maughan	170.03	
150	Consuelo A. Owens	140.20	
151	A. J. Weinig	366.75	

TOTAL EXPERIMENTAL PLANT PAYROLL 1,616.74

85	Withholding Tax Account	102.90	
86	Pub. Emp. Retirement	54.57	
87	Colo. Hosp. Serv.	33.30	190.77
	TOTAL EXPERIMENTAL PLANT PAYROLL		<u>1,807.51</u>

January 14, 1949

SCHOOL OF MINES TAX FUND
SUPPLY VOUCHERS

2616	Owen F. Acers	2,561.98
2617	Owen F. Acers	34.34
2618	Aluminum Company of Denver	15.00
2619	Amer. Ceramic Society, Inc.	15.00
2620	American Council on Education	100.00
2621	Amer. Institute of Elect. Engrs.	12.00
2622	Amer. Institute of Physics	26.00
2623	Amer. Iron and Steel Institute	8.00
2524	American Library Assn.	5.50
2625	American Meter Co.	102.40
2626	Amer. Soc. of Photogrammetry	17.50
2627	Amer. Steel and Wire Co.	268.38
2628	Applied Research Laboratories	932.00
2629	Paul Bandana	250.00
2630	Artercraft Sign Co.	50.00
2631	Bernice Bowen	5.46
2632	Buick-Chevrolet Co.	8.50
2633	Wm. V. Burger	21.28
2634	Walter E. Burlingame, Dr.	14.00
2635	Burrough's	37.85
2626	Cardwell Blue Print Company	359.50
2637	Carpenter Paper Co.	36.16
2638	Robert H. Carpenter	32.34
2639	Central Scientific Co.	8.64
2640	Century Geophysical Corp.	682.18
2641	The Chemical Sales Co.	25.80
2642	Christy Firebrick Co.	59.10
2643	Cocks-Clark Engraving Co.	195.98
2644	The College Blue Book	6.50
2645	Colorado Central Power Co.	1,627.96
2646	Colo. National Guard	100.00
2647	Colo. Sanitary Wiping Cloth Co.	39.00
2648	CSM Dining Hall	12.75
2649	Colo. & Southern Ry. Co.	6.62
2650	Colorado Transcript	47.35
2651	Continental Oil Co.	77.13
2652	Graig-Frederick Chevrolet Co.	34.84
2653	H. H. Crain	45.46
2654	Crane-O'Fallon	9110
2655	Deffenbaugh's Lumber Co.	218.65
2656	Denver Blue Print Co.	14.40
2657	Denver Bookbinding Co.	407.16
2658	Denver Fire Clay Co.	332.08
2659	Denver Tewel Supply Co.	205.30
2660	Clair Dillon	10.00
2661	Duvall-Davison Lumber Co.	587.07
2662	Engineer's Digest	7.50
2663	Franz C. Feger	31.69
2664	Foss Drug Co.	11.17
2665	M. L. Boss, Inc.	403.35
2666	Franzel Carbon and Ribbon Co.	26.00

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SCHOOL OF MINES TAX FUND

2667	Fraser-Thomas Agency	657.31
2668	Gallagher Transfer Co.	281.75
2669	Gates Factory Store, Inc.	34.20
2670	General Chemical Division	266.73
2671	General Electric Co.	24.36
2672	General Electric Supply Corp.	32.91
2673	George Gorton Machine Co.	11.81
2674	Graham Paper Co.	60.66
2675	Graphic Process Service	13.47
2676	Griffin Tack and Welding Serv.	44.55
2677	Handy and Harman	763.00
2678	Heiland Research Corp.	110.31
2679	Hewlett Packard Co.	195.00
2680	Ralph C. Holmer	23.65
2681	Huntington Laboratories	39.00
2682	Ideal Laundry	48.47
2683	Instrument Service Co.	36.00
2684	Interscience Publishers, Inc.	6.40
2685	Interstate and Radio Supply Co.	86.17
2686	Earl Johnson	5.00
2687	Joy Manufacturing Co.	5.10
2688	John Karanigios	37.07
2689	John J. Kelley	33.49
2690	Kellogg's Hardware Co.	129.64
2691	Harry E. Kelsey	1.82
2692	Kendrick-Bellamy	196.84
2693	Kistler's	161.91
2694	P. L. Lawrence	10.50
2695	E. H. Leaver	17.43
2696	A. H. Lindley, Jr.	32.98
2697	Linde Air Products Co.	11.01
2698	Don Ljungvall	10.00
2699	Art Malnati	288.19
2700	Marchant Mach. Co.	40.17
2701	McCarty-Johnson Co.	364.35
2702	McGraw-Hill Book Co.	18.91
2703	Mine Safety Appliances Co.	24.00
2704	Mine and Smelter Supply Co.	2,134.43
2705	The Mines Supply Co.	102.39
2706	Rocky Mt. Life	6.25
2707	Mt. States T. & T. Co.	353.96
2708	National Carbon Co., Inc.	44.58
2709	R. L. Neal	1,202.43
2710	No Spring Shade Co.	15.75
2711	Oil Reporter	4.00
2712	Oredigger	261.00
2713	Joseph A. Ossen	66.12
2714	Paleontological Laboratory	30.00
2715	Paul Parker	6.00
2716	Frank Paxton Lumber Co.	150.23
2717	Peerless Printing Co.	262.50
2718	Peterson's Trailer Service	2,019.23

SCHOOL OF MINES TAX FUND

2719	Petroleum World	5.00
2720	Phillips Petroleum Co.	75.50
2721	John W. Pickthall	13.45
2722	Pittsburgh Geological NME Society	5.00
2723	Pittsburgh Plate Glass Co.	55.26
2724	Raymond H. Price	13.30
2725	Public Service Co. of Colorado	456.12
2726	Remington Rand Co.	17.85
2727	CSM Revolving Fund	616.15
2728	Rocky Mt. Photo Co.	24.70
2729	Sanitary Specialties	220.52
2730	R. H. Sargent Co.	170.65
2732	R. B. Schiller	15.50
2731	Schoenhof's	5.32
2734	Morton C. Smith	24.30
2733	Harry L. Sinclair Co.	2,745.00
2734	South Denver Coal Co.	2,583.68
2736	Special Libraries Assn.	20.00
2737	J. W. Stacey Co.	5.85
2738	Bob Stage Trans. Co.	35.00
2739	Steel	10.00
2740	Gurnett Steinhauer	9.66
2741	H. E. Stoumel	25.78
2742	Strawn's Bookstore	726.91
2743	Svens Transfer Co.	215.49
2744	The Travelers Ins. Co.	524.90
2745	U.S. Industrial Chemicals Co.	41.04
2746	University of Hawaii	5.60
2747	Univ. of Mexico	18.34
2748	Utah Geological Society	6.00
2749	Wall Street Journal	20.00
2750	Warneke Paper Box Co.	96.33
2751	Westinghouse Electric	759.01
2752	Whitney Sporting Goods Co.	17.25
2753	John Wiley & Sons, Inc.	6.13
2754	Dr. Lloyd Wright	2,368.00
TOTAL SUPPLY VOUCHERS		32,887.59

INDUSTRIAL DEVELOPMENT RESEARCH FUND

18	Ind. Dev. State's Share Retire.	4.90
143	Kendrick-Bellamy Co.	65.17
TOTAL INDUSTRIAL DEVELOPMENT RESEARCH		70.07

ATHLETIC ASSN. FUND

364	Amc <i>C. Cantrell</i> Coaches Assn.	5.00
365	CSM Athletic Revolving Fund	360.24
366	Autrey Bros.	11.44
367	Harold Brobeck	5.00
368	Gregg Browning	18.80
369	Frederick M. Carpenter	5.00
370	The Colorado Transcript	6.25

371	Continental Bus System	24.50
372	Richard H. Counterman	18.80
373	Davison-Koch Furniture Co.	4.25
374	Foss Drug Co.	126.38
375	The Golden Press	3.00
376	Gourgar & Todd Sporting Goods Co.	133.39
377	Richard P. Kotten	37.60
378	John Lloyd	18.80
379	Art Malnati, Inc.	687.75
380	Meyer Hardware and Sporting Goods	1.20
381	Ski-Inc.	18.00
382	The <i>Cornell</i> Publishers	6.00
383	Wm. V. Peters, D.D.S.	3.00
384	Al L. Place	16.30
385	Al L. Place	16.30
386	Prentice-Hall, Inc.	1.80
387	Raymond E. Price	15.23
388	The Rocky Mt. News	134.40
389	R. W. Rodda	3.75
390	Harold A. Saunders	18.80
391	Swena Transfer & Express	5.50
392	Robert Torpey	5.00
393	Martin Trotsky	18.80
394	White Rose Laundry	72.55
395	Whitney Sporting Goods	130.44
396	William Wilson	5.15
397	John Wilmore	16.30
398	Delbert Witham	18.80
399	W. Lloyd Wright	16.00
400	<i>Outlook Publishers</i>	3.00
	TOTAL ATHLETIC ASSN. VOUCHERS	

~~1,989.52~~
1,981.52

Mr. Steinhauer presented the following financial statements, which were reviewed and accepted: Summary of Budget Appropriations and Disbursements No. 6 for the period ending December 31, 1948, the Balance Sheet as of December 31, 1948, the Dining Hall Statement of Profit and Loss for the month of December, 1948, and the Statement of Canteen Profit and Loss for the period December 1, 1947, to December 28, 1948.

The Dining Hall operation was considered and the feasibility of making changes in arrangements for the sale of meals and week-end operations was discussed. It was the consensus of the Board that under the present plan for the sale of meals, the purchasers of five-day meal tickets were not paying a proper proportion of the overhead costs. Upon motion by Mr. Stockmar, seconded by Dr. Vanderwilt and unanimously carried, it was decided to increase the price of five-day meal tickets by ten cents a day over the price of seven-day meal tickets, such increase to become effective February 11, 1949.

Mr. Steinhauer then left the meeting.

President Parker stated that he expected to attend the annual meeting of the American Institute of Mining and Metallurgical Engineers to be held in San Francisco, California, the middle of February, and for that reason requested that the next meeting of the Board of Trustees be held on February 4, 1949. This date was unanimously approved.

Upon motion by Mr. Thomas, seconded by Dr. Vanderwilt and unanimously carried, the following resolution was adopted:

RESOLVED, That Ben H. Parker, President, and Gurnett Steinhauer, Business Manager, be and they are hereby authorized to execute on behalf of the Colorado School of Mines the monthly report "Record of Tax-Free Alcohol Received and Used", required by the Treasury Department of the United States;

That the signature of either Ben H. Parker or Gurnett Steinhauer shall be sufficient to complete execution of said report; and

That the authorization granted by this resolution shall be effective as of October 1, 1948.

President Parker stated that the customary appropriation bills for the Colorado School of Mines had been introduced in the House of Representatives of the Thirty-seventh General Assembly. He stated that Mr. James Noonan, State Controller, had recommended a decrease in the requested appropriation for the 1949-51 biennium from \$1,132,537.72 to \$400,000. The seriousness of this recommended reduction in appropriation was discussed.

January 14, 1949

The members of the Board then recessed for lunch at the School dining hall. After lunch the meeting reconvened in President Parker's office.

The proposed budget for the next biennium was reviewed and the effect of any reduction in the budget appropriation was studied. It was the consensus of the Board that every effort must be exerted to assure an appropriation of the amount requested, and each Board member agreed to take such individual action as possible toward this end.

President Parker was requested to secure copies of the proposed budget for the 1949-51 biennium and to have them available for use by members of the Board in their discussion with legislators or other interested parties.

Copies of the report prepared by the Colorado School of Mines and submitted to the Corps of Engineers, United States Army, in connection with the Series 1 and 2 Experiments, recently completed, were presented to the members of the Board for their examination.

President Parker outlined general plans for the Seventy-fifth Anniversary celebration and presented a tentative budget covering the cost of this celebration, as prepared by the Seventy-fifth Anniversary Committee. It was the consensus of the Board that the general plans for this celebration were proper and that the proposed budget should be adopted. It was suggested that the costs under this budget should be met by contributions from the Alumni and interested parties; and that the committee composed of Alumni should be asked to undertake the raising of the necessary funds.

President Parker requested the advice of the members of the Board as to the principal speaker for the Seventy-fifth Anniversary celebration. It was the recommendation of the Board that The Honorable Herbert Hoover should be invited to make the principal address and that Generals Marshall and Eisenhower should be considered as alternates in case Mr. Hoover could not accept the invitation.

President Parker stated that the 1949 Commencement would be the occasion of the opening of the Seventy-fifth Anniversary celebration and suggested that the Commencement speaker should be, if possible, a man of national recognition. It was the consensus of the Board that Dr. James Boyd, Director of the United States Bureau of Mines, should be invited to make this address and that Mr. Max W. Ball should be considered as an alternate.

President Parker stated that he thought that ten Medals of Merit should be awarded at the 1949 Commencement and that approximately the same number should be awarded at the Seventy-fifth Anniversary convocation. He was requested to present to the Board of Trustees a list of Alumni to be so honored.

January 14, 1949

President Parker informed the Board that the Faculty retirement plan adopted two years ago might cause some hardship to a few individuals who had not been members of the State Employees' Retirement Association long enough to earn substantial retirement benefits and recommended that the two-year period of grace prior to the enforcement of the retirement plan be extended for one additional year only. Upon motion by Dr. Vandervilt, seconded by Mr. Thomas and unanimously carried, this period of grace was extended for one year.

President Parker reported that a conference had been held with representatives of the Reconstruction Finance Corporation concerning the possible financing by that organization of the proposed dormitory. He stated that there was some possibility for this financing by the Reconstruction Finance Corporation and that the investigation would be continued. He again brought up the question of an adequate site for the dormitory and expressed his opinion that the land owned by the School at Eighteenth and Illinois Streets is not sufficiently extensive for a dormitory to house two hundred fifty students. Other possible sites were discussed and the meeting was then adjourned in order that members of the Board of Trustees could visit and inspect the possible sites.

Secretary

Board of Trustees Meeting

January 14, 1949

"RESOLVED, That Ben H. Parker, President, and Gurnett Steinhauer, Business Manager, be and they are hereby authorized to execute on behalf of the Colorado School of Mines the monthly report "Record of Tax-Free Alcohol Received and Used" required by the Treasury Department of the United States;

That the signature of either Ben H. Parker or Gurnett Steinhauer shall be sufficient to complete execution of said report; and

That the authorization granted by this resolution shall be effective as of October 1, 1948."

at its
copy
I certify that the above is a complete and true copy of a Resolution adopted by the Board of Trustees of the Colorado School of Mines in regular meeting held in Golden, Colorado, on January 14, 1949, and that said Resolution appears in the Minutes of that meeting of the Board of Trustees of the Colorado School of Mines.

January 18, 1949

November 27, 1950

John W. Vanderwilt

John W. Vanderwilt, Secretary
Board of Trustees
Colorado School of Mines

Golden, Colorado
February 4, 1949

The Board of Trustees met in special session on February 4, 1949, at 10:00 A.M., at the President's Office, Colorado School of Mines, Golden, Colorado. This meeting was called to supplant the regular meeting scheduled for February 11, 1949.

Present: Messrs. Bowen, Harrison, Thomas, and Vanderwilt.

Absent: Mr. Stockmar.

President Parker and Mr. Steinhauer attended the meeting.

The minutes of the regular meeting of January 14, 1949, were read and approved.

Bills against the SCHOOL OF MINES TAX FUND, the EXPERIMENTAL PLANT FUND, the INDUSTRIAL DEVELOPMENT RESEARCH FUND, the MILL LEVY BUILDING FUND, and the ATHLETIC ASSOCIATION FUND were read, audited, and allowed as follows:

SCHOOL OF MINES TAX FUND

FACULTY

3207	William C. Aitkenhead	\$344.30
3208	Wilburn F. Anderson	236.63
3209	James L. Atteberry, Jr.	215.06
3210	Henry A. Babcock	252.29
3211	James O. Ball	387.20
3212	Clark F. Barb	367.55
3213	Robert L. Baugh	193.00
3214	Victor W. Bauman	228.88
3215	Robert A. Baxter	307.87
3216	Bernice Bowen	257.29
3217	Keith E. Bowen	223.50
3218	Fritz S. Brennecke	361.15
3219	John G. Brummel	203.89
3220	Arthur W. Buell	238.99
3221	H. Dean Burdick	257.37
3222	William V. Burger	293.26
3223	Frank R. Campbell	250.86
3224	Clark B. Carpenter	378.95

February 4, 1949

SCHOOL OF MINES TAX FUND

3225	F. M. Carpenter	272.65
3226	Arthur E. Chambers	371.90
3227	Wm. J. Chapitis	228.98
3228	Franklin P. Clark	232.48
3229	John M. Coke	285.07
3230	Wm. A. Colburn	206.76
3231	George S. Cook	283.29
3232	M. F. Coolbaugh	457.00
3233	H. B. Corbin	291.45
3234	Albert J. Cornish	278.59
3235	H. M. Crain	392.04
3236	William B. Cramer	326.77
3237	Harold O. Davidson	248.60
3238	Joseph E. Davies	279.69
3239	Walter H. Dunke	277.42
3240	James R. Everett	304.71
3241	Edward G. Fisher	322.51
3242	Delton D. Flanders	306.72
3243	Hilbert E. Fletcher	263.44
3244	John W. Gabelman	122.90
3245	Marvin C. Gardels	207.49
3246	Hugo B. Geissler	244.37
3247	Arlie V. Coyne, Jr.	206.76
3248	Donald C. Gregg	207.49
3249	James E. Haff	211.95
3250	L. W. Hartkemeier	303.81
3251	Ivan L. Hebel	336.06
3252	Julius A. Heeren	283.29
3253	Heim, George W.	233.94
3254	K. S. Herness	203.17
3255	Ralph C. Holmer	229.18
3256	W. Warren Howe	338.71
3257	Mary E. Hoyt	219.34
3258	E. B. Jacobs	238.49
3259	George W. Johnson	220.58
3260	J. Harlan Johnson	318.76
3261	D. C. Johnston	287.99
3262	William H. Jurney	326.46
3263	John M. Karsnigios	166.39
3264	Paul H. Keating	239.31
3265	Albert M. Keenan	312.44
3266	John J. Kelley	324.21
3267	T. A. Kelly	323.65
3268	Harry E. Kelsey	281.25
3269	Truman H. Kuhn	311.88
3270	John W. Lantow	207.49
3271	Eugene H. Leaver	223.50
3272	George W. LeMaire	251.51
3273	Leslie LeRoy	305.60
3274	Wm. S. Levings	228.88
3275	A. H. Lindley, Jr.	199.19

SCHOOL OF MINES TAX FUND

3276	C. W. Livingston	387.46
3277	V. Allan Long	332.16
3278	T. B. McPherson	240.52
3279	Warren J. Mason	220.58
3280	W. D. Mateer	257.29
3281	George T. Meredith	295.93
3283	Em. M. Mueller	231.68
3283	Carl G. Nordquist	223.36
3284	Robert B. Osborn	284.45
3285	Ben H. Parker	617.28
3286	Thomas E. Paynter	269.56
3287	Robert T. Phelps	291.91
3288	Pierce, Albert L.	206.08
3289	R. D. Preston	277.38
3290	Arthur L. Rae	262.85
3291	Stanley Reichert	228.88
3292	W. M. Richtmann	358.55
3293	Frederick K. Sebott	212.93
3294	George W. Salzer	356.95
3295	George E. Schade	232.18
3296	Harlan E. Short	250.81
3297	H. I. Signer	426.24
3298	Francis E. Smiley, Jr.	228.88
3299	Fred T. Smith	216.78
3300	Morton C. Smith	291.91
3301	Sigmund L. Smith	236.07
3302	Gladys E. Sparr	194.47
3303	Charles W. Starks	224.04
3304	Gurnett Steinhauer	406.19
3305	W. Allan Stewart	218.24
3306	Harrison E. Stommel	237.97
3307	Frederick Straus	73.45
3308	Helen B. Traver	181.70
3309	Arthur B. Van Tine	220.58
3310	F. M. Van Tuyl	360.20
3311	Warren R. Wagner	280.36
3312	L. S. Ward	357.82
3313	Arthur F. Wichmann	315.36
3314	Virginia Lee Wilcox	185.65
3315	Art Williams	225.64

TOTAL FACULTY PAYROLL

29,684.59

CIVIL SERVICE

3316	Dolores J. Alderman	130.02
3317	George S. Atkinson	139.92
3318	C. A. Bacon	134.27
3319	Stanley Bittle	111.80
3320	W. F. Bridges	145.30
3321	Harold V. Brobeck	152.06
3322	Irene L. Brown	146.32

SCHOOL OF MINES TAX FUND

3323	William D. Caldwell	144.95
3324	George H. Carns	114.35
3325	Engra M. Childers	154.25
3326	J. L. Cooper	126.87
3327	David H. Davidson	144.75
3328	Carson L. Boss	273.30
3329	Sterling L. Dryden	130.27
3330	Dukes, Ann M.	156.50
3331	Fred D. Hasley	159.22
3332	Merle Graves	111.80
3333	Bert F. Harrison	134.55
3334	Louis J. Hartmann	130.40
3335	Doris Parks Heynes	138.95
3336	C. G. Hemberger	208.04
3337	J. J. Hemberger	195.00
3338	Chester P. Herr	125.45
3339	Violet K. Horning	146.29
3340	Karl L. Johnson	159.22
3341	Edward Lange	142.17
3342	William Lee	139.22
3343	Donald Ljungvall	147.29
3344	Fred Ljungvall	159.74
3345	Charles Marchand	159.22
3346	O. F. Naughan	169.40
3347	Chris Nester	146.11
3348	Lois Note	138.95
3349	Haurice C. Nelson	114.35
3350	Clarence Nicholls	206.44
3351	M. F. O'Neil	168.41
3352	John W. Pickthall	216.90
3353	Dorothy J. Prouse	123.87
3354	Jacob T. Pyle	125.87
3355	Stanley Ratajesyk	125.45
3356	James R. Rich	143.09
3357	Robert H. Richards	167.50
3358	Kenneth Robinson	111.80
3359	Rose Marie Rowe	118.87
3360	Klinor C. Ryan	132.77
3361	Ruth N. Sackett	126.60
3362	Albert E. Simpson	144.99
3363	James L. Simpson	118.57
3364	James Smith	179.40
3365	Mary C. Son	161.51
3366	Gustaf F. Stalgren	125.45
3367	Myrtle E. Stephens	130.02
3368	Leslie B. Talbert	140.05
3369	Charles S. Thomas	125.45
3370	William P. Tobin	207.47
3371	Louise H. Waters	130.50
3372	A. G. Webster	152.66
3373	Mary M. Wilkerson	144.45

TOTAL CIVIL SERVICE PAYROLL

8,564.39

MISCELLANEOUS
SCHOOL OF MINES TAX FUND

3374	Louise Brewsaugh	129.60
3375	John Wm. Bridges	87.90
3376	Martha Anne Burger	4.88
3377	Hick Caluti	116.35
3378	Patricia F. Campbell	91.19
3379	Ruth M. Darde	90.00
3380	Hildred Earl	123.47
3381	Hildred N. Essary	135.10
3382	Robert E. Gibson	74.60
3383	Herbert E. Gunderson	50.00
3384	John C. Hagen	40.00
3385	Joan D. Jenkins	135.40
3386	E. A. Kehn	133.33
3387	Edward S. Maddox	154.50
3388	Thomas Karvin	118.90
3389	Homer H. Opland	33.00
3390	Ruth Redojits	90.00
3391	Edward E. Rue	40.00
3392	Helda Sandidge	135.10
3393	Vera Sells	21.00
3394	Viola M. Shaeffer	57.00
3395	John A. Tichen	33.00
3396	Joyce Warfel	107.16
3397	Leo E. Wilson	46.80

TOTAL MISCELLANEOUS

2,048.28

3398	William D. Baker	19.18
3399	Dick Bench	18.85
3400	Jack B. Bennett	19.50
3401	Harry L. Bowers	3.90
3402	C. W. Bowlby	38.35
3403	R. L. Boyers	26.00
3404	John T. Burnett	31.85
3405	David Childers	20.80
3406	Burton E. Coles, Jr.	31.85
3407	L. Stevens Conder	19.50
3408	R. W. Copeland	15.60
3409	James R. Cross	9.75
3410	W. S. Dronen	11.70
3411	Robert H. Dunwoody	37.38
3412	Virgle L. Easterwood	5.85
3413	Robert E. Edison	9.75
3414	Paul J. Fourat	28.92
3415	Burton S. Goldberg	9.75
3416	Hiles E. Grosvenor	23.38
3417	Ross A. Harris	55.25
3418	William H. Hostetter	13.00
3419	C. W. Kerns	19.50
3420	Richard L. Klebe	19.50
3421	Norman Korn	19.50
3422	Louis L. Landers	19.50

SCHOOL OF MINES TAX FUND
STUDENT HELP

3423	James Love	18.85	
3424	Robert W. Neader	12.35	
3425	Stuart S. Herwin	13.65	
3426	George E. Morehouse	15.60	
3427	David F. Morse	16.90	
3428	Robert B. Owen	27.63	
3429	Glenn J. Poulter	13.65	
3430	F. T. Quiett	13.65	
3431	Rex Vincent	32.34	
3432	David A. Rowland	37.70	
3433	Robert B. Shaller	11.05	
3434	Frank E. Siegfried	13.00	
3435	Maxwell Silverman	14.30	
3436	Harvey W. Smith	25.35	
3437	Jack G. Sutton	14.95	
3438	Larry Toman, Jr.	16.25	
3439	Howard A. Vosper	16.25	
3440	Robert R. Ward	13.00	
3441	James H. Warfield	30.87	
3442	William H. Webb	2.60	
3443	Robert G. Wheeler	29.25	
3444	Merton O. Whitlow	26.00	
3445	K. Winslow	14.30	
3446	Russell Wood	23.40	
3447	Howard C. Wersel	17.55	
3448	Richard Eoerb	14.30	
3449	H. A. Armstrong	18.65	

TOTAL STUDENT HELP PAYROLL

1,032.70

2758	Withholding Tax Account	2,943.80	
2759	Pub. Emp. Retirement Fund	1,388.94	
2760	Colorado Hospital Service	528.50	
2761	State Civil Service Emp. Serv.	18.95	
2762	War Bond Account	257.88	5,138.07
2763	State's Share Retirement	1,340.69	1,340.69

17,858.72
46,468.03

TOTAL PAYROLL

EXPERIMENTAL PLANT

152	Clair E. Dillon	182.95
153	R. B. Eldredge	197.19
154	Samuel Gamble	164.64
155	Emmitt R. Maddox	144.75
156	George T. Maughan	163.85
157	Consuelo A. Owens	140.20

TOTAL EXPERIMENTAL PLANT PAYROLL

993.58

89	Withholding Tax Account	59.60
90	Public Emp. Retirement Fund	30.19

SCHOOL OF MINES TAX FUND

91	Colorado Hospital Service	18.25	108.04
	TOTAL EXPERIMENTAL PLANT PAYROLL		1,101.62

SUPPLY VOUCHERS

2764	Owen F. Acers	3,794.24
2765	Wm. C. Aitkenhead	148.70
2766	Addressograph-Multigraph Corp.	12.16
2767	Amer. Soc. for Testing Materials	30.00
2768	Wilburn F. Anderson	2.82
2769	A&S Leather Goods Co.	35.00
2770	J. B. Bertrand, Inc.	11.06
2771	Bibliographical Center	250.00
2772	Buehler, Ltd.	558.00
2773	Wm. V. Burger	8.53
2774	Walter E. Burlingame	41.00
2775	Butler Paper Co.	7.60
2776	Chemical Publishing Co., Inc.	8.01
2777	Chemical Sales Co.	14.00
2778	City of Golden Water Dept.	192.51
2779	Cock's-Clark Engraving Co.	14.78
2780	Colo. Brass Foundry Co.	34.00
2781	Colo. Central Power Co.	2,333.77
2782	Colo. National Guard	100.00
2783	Colo. & Southern Ray. Co.	15.81
2784	Colorado Transcript	71.50
2785	Continental Oil Co.	15.51
2786	Craig-Frederick Chevrolet Co.	38.48
2787	H. M. Grain	15.71
2788	Crane-O'Fallon Co.	198.00
2789	Laurence Criley	33.60
2790	V. R. Crosser	1,010.29
2791	Curnew Transfer Co.	102.30
2792	David Transformer Co.	788.00
2793	Dale Deane	16.04
2794	Deffenbaugh's Lumber Co.	177.67
2795	Denver Blue Print Co.	31.43
2796	Denver Fire Clay Co.	44.27
2797	Denver Machine Co.	6.00
2798	Clair Dillon	15.00
2799	Orville Drommond	5.50
2800	Duvall-Davison Lumber Co.	509.88
2801	Henrique G. Esnard	91.39
2802	Fairchild Camera & Instrument Shop	355.50
2803	Ken Fennell	6.00
2804	Fisher Scientific Co.	15.43
2805	Foss Drug Co.	42.16
2806	M. L. Foss, Inc.	323.77
2807	Lawrence Garfield	16.25
2808	General Electric Co.	59.64
2809	General Electric Supply Corp.	25.42

SCHOOL OF MINES TAX FUND

2810	General Electric X-Ray Corp.	95.85
2811	Graphic Process Service	8.25
2812	Graybar Electric Corp.	128.64
2813	Jes I. Hansen	25.00
2814	Harshaw Scientific Co.	25.00
2815	Hendrie & Bolthoff Co.	193.81
2816	The Homalite Corp.	26.40
2817	John E. Humphreys	39.90
2818	Ideal Laundry	40.70
2820	Interstate Publishers Inc.	7.36
2819	Interstate Radio & Supply Co.	140.01
2821	Earl Johnson	5.00
2822	J. Harlan Johnson	22.50
2823	Kellogg's Hardware Co.	6.84
2824	Harry E. Kelsay	1.82
2825	Kendrick-Sallany Co.	319.06
2826	Kistler's	63.06
2827	Kohler, McLister Paint Co.	78.18
2828	Lewis Historical Publishing Co.	42.50
2829	Linde Air Products Co.	6.18
2830	C. G. MacDermid Co.	69.49
2831	Magnaflux Corp.	985.00
2832	Fred H. Martin	568.01
2833	Meyer Hardware & Sporting Goods Co.	22.05
2834	Mine and Smelter Supply Co.	483.36
2835	Minneapolis-Honeywell Regulator Co.	630.00
2836	Monroe Calculating Machine Co.	29.95
2837	Montgomery Ward Co.	65.08
2838	Nt. States Tele. & Tele. Co.	25.18
2840	Floyd H. McCall	8.00
2839	Murray Sales Co.	15.20
2841	A. C. McClurg & Co.	7.03
2842	Joseph A. Cassen	7.44
2843	Ben H. Parker	64.26
2844	The Fearless Printing Co.	6,579.38
2845	John W. Pickthall	18.20
2846	Pittsburgh Plate Glass Co.	9.72
2847	Public Service Co. of Colorado	510.55
2848	Refrigeration Service Co.	70.31
2849	CSM Revolving Fund	342.85
2850	Ruston Tractor & Implement Co.	6.05
2851	Sachs-Lawlor Co.	9.00
2852	Sanitary Specialties Co.	558.62
2853	E. H. Sargent & Co.	47.21
2854	Smith Sheet Metal Workers	276.06
2855	Southern Denver Coal Co.	2,493.90
2856	State of Colorado	9.00
2857	Stechert-Hafner Inc.	28.35
2858	Gurnett Steinhauer	18.22
2859	Strawn's Bookstore	44,909.70
2860	Swans Transfer & Express Co.	141.94
2861	Todd Scientific Co.	30.00
2862	Underwood Corp.	30.78

SCHOOL OF MINES TAX FUND

2863	G. B. Van Winkle	27.50
2864	Westinghouse Electric Co.	276.75
2865	Robson Lumber Co.	90.79

TOTAL SUPPLY VOUCHERS 72,362.72

INDUSTRIAL DEVELOPMENT RESEARCH

23	Ind. Dev. State's Share Retirement	4.90
144	Arthur C. Burdick	285.30
145	Denver Sample Log Service	30.52
146	Kendrick-Bellamy Co.	120.70

TOTAL INDUSTRIAL DEVELOPMENT RESEARCH 441.42

MILL LEVY BUILDING FUND

277	Hewstrom-Davis Co.	15,000.00
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TOTAL MILL LEVY BUILDING FUND 15,000.00

ATHLETIC ASSOCIATION FUND
VOUCHERS

401	Athletic Assn. Revolving Fund	163.31
402	Hugh Bradley	5.00
403	Fritz Brennecke	5.00
404	Louis Breternitz	18.80
405	Harold Brobeck	5.00
406	Gregg Browning	18.80
407	Frederick H. Carpenter	25.00
408	Colorado Transcript	20.60
409	Dale Deane	1.39
410	Denver-Boulder Bus Co.	22.75
411	J. Durbin Surgical Supply Co.	10.00
412	Ed Flint	37.60
413	Oscar Herigstad	18.80
414	Oscar Herigstad	18.80
415	Wm Juengling	37.60
416	Knoebel Mercantile Co.	4.00
417	John Lloyd	18.80
418	Montgomery Ward Co.	7.58
419	Hiles Phonograph & Radio Co.	9.18
420	Paramount Cleaners-Dyers	62.00
421	Pinkerton's Nat'l Detective Agency	6.60
422	Al Pirnat	18.80
423	R. W. Rodda	1.00
424	Silver State Printers	4.75
425	Swena Transfer & Express Co.	5.25
426	Tierney Jewelry Co.	1.00
427	Robert Torpey	20.00
428	Martin Treasky	18.80
429	Weikner Transfer & Storage Co.	36.00
430	Mr. John Whitmore	16.30

TOTAL ATHLETIC ASSOCIATION VOUCHERS 658.51

Mr. Steinhauser presented the following financial statements, which were discussed and accepted: Summary of Budget Appropriations and Disbursements No. 7, for the period ending January 31, 1949, the Balance Sheet as of January 31, 1949, and the Dining Hall Statement of Profit and Loss for the month of January, 1949.

Lengthy consideration was given to methods which might best be used to assure adequate financial support by the Thirty-seventh General Assembly. All members present participated in this discussion and each agreed to meet with such legislators as possible in the support of the School's legislative program.

The members of the Board then recessed for lunch at the School dining hall. After lunch the Board reconvened in President Parker's office.

President Parker stated that the joint meeting of the Jefferson County Commissioners and the Golden Chamber of Commerce had been called for February 9, at which time consideration would be given to new Court House plans. He stated that Mr. Steinhauser would attend this meeting in order to present the needs of the School for a portion of the Pioneer Park property.

President Parker presented Modification No. 2, Supplemental Agreement to Contract No. W 36-039 sc-32259, dated January 31, 1949, between the United States of America and the Colorado School of Mines, which provides for research pertaining to the development of synthetic mica. Upon motion by Mr. Bowen, seconded by Dr. Vanderwilt, this supplemental agreement was unanimously approved and executed on behalf of the Colorado School of Mines by Mr. Thomas S. Harrison, President of the Board of Trustees, and attested by Dr. John W. Vanderwilt, Secretary.

President Parker presented a list of names of Alumni, as given below, to be considered by the Board for Medals of Merit to be awarded at the Seventy-fifth Anniversary Commencement on May 27, 1949:

James Ashley Clark
Edmond C. van Diest
Harold C. Price
James Boyd
Andrew Weiss
Dale D. Hinman

Russell B. Paul
C. Quinby Schlereth
John F. Myers
Otto Herres
Carl E. Leshar
Blair Burwell

After examining this list, the Board unanimously approved all of these Alumni as recipients of the Medals of Merit.

Dr. Vanderwilt presented a letter that he had received from Mr. Arthur D. Storke, President of Climax Molybdenum Company, in which Mr. Storke stated that he had recommended to the Climax Molybdenum Company that it subscribe \$20,000 toward the total amount required for a new Chemistry Building and that the Climax Molybdenum Company had approved his recommendation subject to the following conditions:

- "a) That we are satisfied with the soundness of the proposals; and
- "b) That the full amount must be promised before any payment is made by us."

Upon motion by Mr. Thomas, seconded by Mr. Bowen, the Board unanimously adopted the following resolution:

Whereas, Mr. Arthur D. Storke, President, has recommended to the Climax Molybdenum Company that it subscribe \$20,000 toward the total amount of \$1,250,000 required for a new Chemistry Building at the Colorado School of Mines and the Climax Molybdenum Company has approved Mr. Storke's recommendation subject to certain specified conditions; be it

Resolved, That the Board of Trustees does hereby express unanimously its sincere appreciation and thanks to Mr. Arthur D. Storke for his personal interest in the problems of the Colorado School of Mines and his efforts in obtaining this generous gift, and further expresses its thanks to the Climax Molybdenum Company for this gift; and

Resolved Further, That the Board of Trustees proceed immediately with diligence to obtain the funds necessary to assure a new Chemistry Building for the Colorado School of Mines and thus avail itself of the substantial offer from the Climax Molybdenum Company.

The meeting then adjourned.

Secretary

No regular meeting held in
March due to absence of
majority of Board Members.
Teachers signed

COLORADO SCHOOL OF MINES
 SUMMARY OF BUDGET APPROPRIATION AND DISBURSEMENTS
 FOR THE PERIOD JULY 1, 1948 TO MARCH 31, 1949

No. 9

	BUDGET ESTIMATE 1948-49	AMOUNT RECEIVED IN MARCH	AMOUNT RECEIVED TO DATE	PER CENT TOTAL	AMOUNT UNREALIZED TO DATE
<u>SUMMARY OF BUDGET RECEIPTS</u>					
CSMTax Fund	215,000.00	58,907.21	139,422.86	64.8	75,577.14
Experimental Plant Fund	22,000.00	5,980.28	14,422.47	65.6	7,577.53
Student Receipts	498,725.00	31,037.08	420,118.77	84.2	78,606.23
U.S. Min. Leas. Act Fund	200,000.00	403,860.26	403,860.26	201.9	(203,860.26)
Miscellaneous Receipts	50,000.00	5,569.03	40,669.60	81.3	9,330.40
Motor Vehicle Act	5,000.00		2,642.12	52.8	2,357.88
Temp. Trans. from Mill					
Levy Bldg. Fund			124,807.23		
Special Appropriation	75,000.00		75,000.00	100.0	
TOTAL	1,065,725.00	505,353.86	1,220,943.31	102.9	(30,411.08)

	BUDGET ESTIMATE 1948-49	DISBURSE* MENTS TO DATE	CREDIT BALANCE	PER CENT TOTAL	DEBIT BALANCE
<u>SUMMARY OF BUDGET EXPENDITURES</u>					
Personal Services	649,315.89	490,025.10	163,175.63	75.5	3,884.84
Maintenance & Operation	201,506.06	146,502.10	58,549.74	72.7	3,545.78
Capital Outlay	261,700.27	190,355.84	108,200.78	72.7	36,856.35
Refunds	8,000.00	3,229.49	4,770.51	40.4	
Veterans Administration	80,000.00	60,341.82	19,658.18	75.4	
TOTAL	1,200,522.22	890,454.35	354,354.84	74.1	44,286.97

RECAPITULATION SUMMARY

Balance on Hand	141,958.14
Receipts to March 31, 1949	<u>1,220,943.31</u>
	1,362,901.45
Total Cash To Be accounted for Disbursements to March 31, 1949	<u>890,454.35</u>
Remainder	472,447.10
Add Adjustments	<u>390.04</u>
TOTAL CASH ON HAND AND IN BANK	472,837.14
Funds on Deposit--C olorado National Bank:	
Student Deposit Fund	38,195.42
State Account	5,569.08
Funds on Deposit--State Treasurer:	
School of Mines Tax Fund	14,419.10
School of Mines Cash Fund	807.34
Experimental Plant Fund	9,985.99
U. S. Mineral Leasing Act Fund	<u>403,860.26</u>
TOTAL CASH ON DEPOSIT	472,837.14

	BUDGET APPROP. 1948-49	DISBURSE- MENTS TO DATE	PER CENT OF TOTAL	CREDIT BALANCE	DEBIT BALANCE
<u>PERSONAL SERVICES</u>					
ADMINISTRATION:					
Business Office	20,989.16	15,985.97	76.2	5,003.19	
Dean's Office	8,123.33	6,079.52	74.8	2,043.81	
Pres. Office	13,662.51	8,893.70	65.1	4,768.81	
Regis. Office	<u>15,633.33</u>	<u>10,348.97</u>	<u>66.2</u>	<u>5,284.36</u>	
TOTAL PERSONAL SERVICES	58,408.33	41,308.16	70.7	17,100.17	
INSTRUCTION:					
Chemistry	54,041.47	38,243.94	70.8	15,797.53	
Civil Engineering	14,179.09	13,778.18	97.2	400.91	
Desc. Geometry	14,541.64	9,287.41	63.8	5,254.23	
Economics	9,558.25	5,391.62	56.4	4,166.63	
Elect. Engr.	7,766.65	7,216.66	92.9	549.99	
English & Mod. Lang.	16,625.28	12,628.63	75.9	3,996.65	
Geology	53,706.49	40,251.97	74.9	13,454.52	
Geophysics	12,823.27	8,626.43	67.3	4,196.84	
Library	10,038.99	7,774.44	77.4	2,264.55	
Mathematics	23,697.76	22,166.67	93.5	1,531.09	
Mech. Engineering	16,954.09	11,020.76	65.0	5,933.33	
Metallurgy	28,470.78	20,997.02	73.7	7,473.76	
Mining	18,445.77	13,627.07	73.9	4,818.70	
Petroleum Refining	12,049.97	9,030.95	74.9	3,019.02	
Pys. Training	19,015.77	14,910.75	78.4	4,105.02	
Petroleum Production	12,270.81	8,562.48	69.8	3,708.33	
Physics	24,583.26	16,815.46	68.4	7,767.80	
Publications	11,140.00	9,066.65	81.3	2,073.35	
Summer Session	<u>50,492.24</u>	<u>43,044.52</u>	<u>85.2</u>	<u>7,447.72</u>	
TOTAL INSTRUCTION	410,401.58	312,441.61	76.1	97,959.97	
PHYSICAL PLANT:					
Buildings & Grounds	48,093.33	42,139.11	87.6	5,954.22	
Engineering Shop	8,490.00	6,573.50	77.4	1,916.50	
Heat, Light, & Power	4,470.00	5,469.84	122.4		999.84
Instrument Shop	4,263.33	3,009.33	70.6	1,254.00	
Plan & Development	10,723.33	7,667.34	71.5	3,055.99	
Telephone	1,800.00	1,373.59	76.3	426.41	
Wood Shop	<u>11,040.00</u>	<u>7,256.13</u>	<u>65.7</u>	<u>3,783.87</u>	
TOTAL PHYSICAL PLANT	88,879.99	73,488.84	82.7	16,890.99	999.84
MISCELLANEOUS:					
Band	1,200.00	933.31	77.8	266.69	
Dining Hall	3,683.33	2,758.31	74.8	925.02	
Experimental Plant	18,462.66	13,391.36	72.5	5,071.30	
Health Fee	4,400.00	7,285.00	165.5		2885.00
Miscellaneous	15,000.00			15,000.00	
Retirement Insurance	16,000.00	13,207.24	82.5	2,792.76	
R.O.T.C.	600.00	400.00	66.7	200.00	
Steno. Help	8,940.00	6,522.09	72.9	2,417.91	
Student Help	9,000.00	7,459.18	82.9	1,540.82	
Synthetic Mica	<u>14,340.00</u>	<u>10,830.00</u>	<u>75.5</u>	<u>3,510.00</u>	
TOTAL MISCELLANEOUS	91,625.99	62,786.49	68.5	31,724.50	2885.00
TOTAL PERSONAL SERVICES	649,315.89	490,025.10	75.5	163,175.63	3,884.84

SUMMARY OF BUDGET APPROPRIATION AND DISBURSEMENTS
FOR THE PERIOD JULY 1, 1948 TO MARCH 31, 1949 No. 9

	BUDGET APPROP. 1948-49	DISBURSE- MENTS TO DATE	PER CENT OF TOTAL	CREDIT BALANCE	DEBIT BALANCE
MAINTENANCE & OPERATION					
ADMINISTRATION:					
Business Office	800.00	131.14	16.4	668.86	
Dean's Office	400.00	617.72	154.4		217.72
Pres. Home		7.16			7.16
Pres. Office	50.00	18.96	37.9	31.04	
Regis. Office	325.00	247.05	76.0	77.95	
Trustees	50.00			50.00	
Dep. Bond Prem.	<u>150.00</u>	<u>150.00</u>	<u>100.00</u>		
TOTAL ADMINISTRATION	1,775.00	1,172.03	66.0	827.85	224.88
INSTRUCTION:					
Chemistry	14,250.00	13,578.09	95.3	671.91	
Civil Engineering	1,000.00	910.71	91.1	89.29	
Desc. Geometry	100.00	6.95	6.9	93.05	
Economics	10.00			10.00	
Electrical Engineering	600.00	77.32	12.9	522.68	
English & Mod. Lang.	225.00	225.41	100.2		.41
Experimental Mine	2,055.00	1,376.59	66.9	678.41	
Freshman Orientation	300.00	267.50	89.2	32.50	
Geology	7,913.00	7,584.20	95.8	328.80	
Geophysics	3,500.00	1,540.08	44.0	1,959.92	
Impact Loading		30.39			30.39
Library	2,050.00	710.26	34.6	1,339.74	
Mathematics	125.00	75.55	60.4	49.45	
Mech. Engineering	1,475.00	49.39	3.3	1,425.61	
Metallurgy	14,274.51	9,854.25	69.03	4,420.26	
Mining	1,340.00	541.42	41.1	788.58	
Model Experimentation		54.56			54.56
Petroleum Refining	1,135.00	679.88	59.9	455.12	
Petroleum Production	1,032.00	1,060.99	102.8		28.99
Physics	950.00	691.48	72.8	258.52	
Physical Train. & Athletic	<u>836.55</u>	<u>118.71</u>	<u>14.2</u>	<u>717.84</u>	
TOTAL INSTRUCTION	53,171.06	39,443.73	74.1	13,841.68	114.35
PHYSICAL PLANT:					
Armory	1,200.00	940.84	78.4	259.16	
Buildings & Grounds	14,000.00	13,581.46	97.0	418.54	
Cylinder Rental	75.00	38.38	51.2	36.62	
Engineering Shop	4,500.00	1,686.56	37.5	2,813.44	
Fuel	14,450.00	9,602.37	66.5	4,847.63	
Gas	3,765.00	3,249.16	86.3	515.84	
Heat, Light, & Power	15,000.00	10,240.52	68.3	4,759.48	
Instrument Shop	2,250.00	940.44	41.7	1,309.56	
Insurance	8,000.00	9,522.88	119.0		1,522.88
Water Rent	3,480.00	2,220.22	63.8	1,259.78	
Wood Shop	<u>4,100.00</u>	<u>3,975.15</u>	<u>96.9</u>	<u>124.85</u>	
TOTAL PHYSICAL PLANT	70,820.00	55,997.98	79.1	16,344.90	1,522.88
MISCELLANEOUS:					
Alumni Assn.	1,000.00			1,000.00	
Army & Navy Supply					
Dining Hall	500.00	665.24	133.0		165.24
Commencement	5,000.00	1,903.59	38.1	3,096.41	
Engineers Day	200.00	80.05	40.0	119.95	
Experimental Plant	3,000.00	3,584.26	119.5		584.26

SUMMARY OF BUDGET APPROPRIATION AND DISBURSEMENTS
FOR THE PERIOD JULY 1, 1948 TO MARCH 31, 1949

No. 9

	BUDGET APPROP. 1948-49	DISBURSE- MENTS TO DATE	PER CENT OF TOTAL	CREDIT BALANCE	DEBIT BALANCE
MISCELLANEOUS (CONT)					
Freight	2,000.00	2,929.97	146.5		929.97
Intregal Club	260.00	143.26	55.1	116.74	
Miscellaneous Expense	2,000.00	1,388.08	69.4	611.92	
Museum	600.00	173.84	28.9	426.16	
Office Equipment Main	900.00	765.76	85.1	134.24	
Photostat	450.00	190.69	42.4	259.31	
Plan. & Development	300.00	115.41	38.5	184.59	
Postage	4,000.00	2,792.79	69.8	1,207.21	
Printing	20,000.00	13,402.91	67.0	6,597.09	
Publications	200.00	25.47	12.8	174.53	
Publicity	8,000.00	978.93	12.2	7,021.07	
R.O.T.C.	200.00	153.60	76.8	46.40	
Stationery & Off. Supp.	10,000.00	9,228.48	92.3	771.52	
75TH Anniversary		4.20			4.20
Synthetic Mica Res	2,780.00	1,975.19	71.1	804.81	
Tel. & Tel.	6,000.00	3,385.56	56.4	2,614.44	
Travel	8,000.00	5,825.32	72.8	2,174.68	
Truck	350.00	175.76	50.2	174.24	
TOTAL MISCELLANEOUS	<u>75,740.00</u>	<u>49,888.36</u>	<u>65.8</u>	<u>27,535.31</u>	<u>1,683.67</u>
TOTAL MAINTENANCE & OPERATION	201,506.06	146,502.10	72.7	58,549.74	3,545.78
CAPITAL OUTLAY & EQUIPMENT					
ADMINISTRATION:					
Business Office	360.00	882.98	245.3		522.98
Dean's Office	420.00	73.37	17.5	346.63	
Pres. Office	200.00	250.00	125.0		50.000
Regis. Office	1,536.12	1,074.08	69.9	462.04	
TOTAL ADMINISTRATION	2,516.12	2,280.43	90.6	808.67	572.98
INSTRUCTION:					
Chemistry	5,000.00	4,597.69	91.9	402.31	
Civil Engineering	10,000.00	6,002.97	60.0	3,997.03	
Desc. Geometry	240.00			240.00	
Electrical Engr.	5,000.00	4,708.19	94.2	291.81	
Eng. & Mod. Lang.	410.00	133.29	32.5	276.71	
Exper. Mine	3,500.00	2,770.55	79.2	729.45	
Geology	8,905.00	4,976.81	55.9	3,928.19	
Geophysics	5,100.00	3,548.21	69.6	1,551.79	
Impact Loading		1,349.67			1,349.67
Library	9,874.25	5,172.32	52.3	4,701.93	
Mathematics	363.15	320.85	88.4	42.30	
Mech. Engr.	500.00	605.88	121.2		105.88
Metallurgy	7,500.00	7,484.54	99.8	15.46	
Mining Engr.	4,883.00	4,946.53	101.3		63.53
Museum	900.00	1,568.11	174.3		668.11
Petroleum Prod.	1,175.00	22.27	18.9	1,152.73	
Petroleum Rf.	3,045.00	2,983.83	97.9	61.17	
Phys. Train.	1,000.00	647.33	64.8	352.67	
Physics	3,780.00	2,521.24	66.7	1,258.76	
Publications	302.00	281.12	93.1	20.88	
Synth. Mica Res.	4,000.00	2,107.39	52.6	1,892.61	
TOTAL INSTRUCTION	<u>75,477.40</u>	<u>56,748.79</u>	<u>75.2</u>	<u>20,915.80</u>	<u>2,187.19</u>

SUMMARY OF BUDGET APPROPRIATION AND DISBURSEMENTS NO. 7
FOR THE PERIOD JULY 1, 1948 TO MARCH 31, 1949

	BUDGET APPROP. 1948-49	DISBURSEMENTS TO DATE	PER CENT OF TOTAL	CREDIT BALANCE	DEBIT BALANCE
PHYSICAL PLANT:					
Buildings & Grounds	2,950.00	4,295.56	145.6		1,345.56
Dining Hall	1,595.00	1,397.31	87.6	197.69	
Dormitory		2,380.00			2,380.00
Engineering Shop	725.00	21.98	3.0	703.02	
Exper. Plant	2,100.00	672.55	32.0	1,427.45	
Field House		11,032.00			11,032.00
Grounds	23,650.00	19,582.56	82.8	4,067.44	
Instrument Shop	1,060.00	870.81	82.2	189.19	
Integral Club	73.00			73.00	
Lawn Implements	86.25			86.25	
Plan. & Development	797.50	713.87	89.5	83.63	
75TH Anniversary		49.60			49.60
Woodshop	950.00	946.12	99.6	3.88	
TOTAL PHYSICAL PLANT	33,986.75	41,962.36	123.5	6,831.55	14,807.16
BUILDINGS:					
Baseball field	4,700.00	206.25	43.9	4,493.75	
Berthoud Hall		211.41			211.41
Brooks Field	38,580.00	53,751.17	139.3		15,171.17
Chemistry	1,550.00	2,433.34	156.9		883.34
Dining Hall	635.00	481.18	75.8	153.82	
Exper. Plant	13,100.00	13,705.00	104.6		605.00
Field House	23,950.00	12,632.65	52.7	11,317.35	
Guggenheim Hall	1,600.00	1,028.72	64.3	571.28	
Gymnasium	1,125.00	3,482.21	309.6		2,357.21
Mining Bldg.	500.00			500.00	
Petroleum Refining	1,105.00	665.00	60.1	440.00	
Physics	575.00	406.44	70.6	168.56	
Pres. Residence	2,000.00			2,000.00	
Warehouse	60,000.00			60,000.00	
Stratton Hall	300.00	360.89	120.3		60.89
TOTAL BUILDINGS	149,720.00	89,364.26	59.7	79,644.76	19,289.02
TOTAL CAP. OUTLAY & EQUIPMENT	261,700.27	190,355.84	72.7	108,200.78	36,856.35
REFUNDS	8,000.00	3,229.49	40.4	4,770.51	
VETERANS ADMIN.	80,000.00	60,341.82	75.4	19,658.18	
GRAND TOTAL DISBURSE- MENTS	1,200,522.22	890,454.35	74.1	354,354.84	44,286.97

SCHOOL OF MINES TAX FUND
FACULTY

3450	William C. Aitkenhead	344.30
3451	W. F. Anderson	236.63
3452	James L. Atteberry, Jr.	215.06
3453	Henry A. Babcock	252.29
3454	James O. Ball	387.20
3455	Clark F. Barb	387.55
3456	Robert L. Baugh	193.00
3457	Victor W. Bauman	228.88
3458	R. A. Baxter	307.87
3459	Bernice Bowen	257.29
3460	Keith E. Bowen	223.50
3461	F. S. Brennecke	361.15
3462	John G. Brunsal	203.89
3463	Arthur W. Buell	238.99
3464	H. Dean Burdick	257.37
3465	William V. Burger	293.26
3466	Frank H. Campbell	250.86
3467	C. B. Carpenter	378.95

SCHOOL OF MINES TAX FUND

3468	F. W. Carpenter	272.85
3469	Arthur E. Chambers	371.90
3470	William J. Chapisis	228.98
3471	Franklin F. Clark	232.48
3472	John W. Coke	285.07
3473	William A. Colburn	206.76
3474	George S. Cook	283.29
3475	M. P. Coolbaugh	457.00
3476	H. B. Corbin	291.45
3477	A. J. Cornish	278.59
3478	H. E. Crain	392.04
3479	William B. Cramer	318.47
3480	Harold O. Davidson	248.60
3481	Joseph E. Davies	279.69
3482	Walter H. Dunke	277.12
3483	Arthur K. Erickson	225.64
3484	James R. Everett	304.71
3485	Edward G. Fisher	322.51
3486	D. D. Flanders	306.72
3487	H. E. Fletcher	263.44
3488	John W. Gabelman	80.10
3489	Harvin C. Gardels	207.49
3490	H. S. Geissler	244.37
3491	A. V. Goyne, Jr.	206.76
3492	Donald C. Gregg	207.49
3493	James B. Haff	211.95
3494	John C. Hagen	160.20
3495	L. W. Hartkemeier	303.81
3496	Ivan L. Hebel	336.06
3497	Julius A. Heeren	283.29
3498	George W. Heim	233.94
3499	K. S. Herness	203.17
3500	Ralph C. Holmer	229.10
3501	W. Warren Howe	338.71
3502	Mary E. Hoyt	219.34
3503	E. B. Jacobs	238.49
3504	George W. Johnson	220.58
3505	J. Harlan Johnson	318.76
3506	D. C. Johnston	287.99
3507	William H. Journey	326.46
3508	John M. Karamigios	166.39
3509	Paul H. Keating	239.31
3510	Albert E. Keenan	312.44
3511	John J. Kelley	324.21
3512	T. A. Kelly	315.35
3513	Harry E. Kelsey	281.15
3514	Truman H. Kuhn	311.88
3515	John W. Lanctow	207.49
3516	E. H. Leaver	223.50
3517	George W. LeMaire	251.51
3518	Leslie LeRoy	313.90
3519	William S. Levings	228.88
3520	A. H. Lindley, Jr.	199.19

SCHOOL OF MINES TAX FUND

3521	C. W. Livingston	387.46
3522	V. Allan Long	332.16
3523	T. B. McPherson	240.52
3524	Warren J. Mason	220.58
3525	W. D. Mateer	257.29
3526	G. T. Meredith	295.93
3527	Wm. M. Mueller	231.68
3528	Carl G. Nordquist	223.36
3529	Robert B. Osborn	284.45
3530	Ben H. Parker	616.98
3531	Thomas E. Paynter	269.56
3532	Robert T. Phelps	291.91
3533	A. L. Pierce	206.08
3534	R. D. Preston	277.38
3535	A. L. Ree	262.85
3536	Stanley Reichert	228.88
3537	W. M. Nichtmann	358.55
3538	Paul A. Rodgers	225.93
3539	F. K. Sabott	212.93
3540	George W. Salzer	256.95
3541	George E. Schade	232.18
3542	Harlan E. Short	250.81
3543	M. I. Signer	426.24
3544	F. E. Smiley, Jr.	228.88
3545	Fred T. Smith	225.08
3546	Morton C. Smith	291.91
3547	S. L. Smith	236.07
3548	Gladys W. Sparr	194.47
3549	Charles W. Starks	224.04
3550	Gurnett Steinhauser	406.19
3551	W. Alan Stewart	218.24
3552	H. B. Stommel	237.97
3553	Frederick Straus	77.45
3554	Helen B. Traver	181.70
3555	A. B. Van Tine	220.58
3556	F. M. Van Tuyl	360.20
3557	Warren R. Wagner	280.36
3558	L. S. Ward	357.82
3559	A. P. Wichmann	315.36
3560	Virginia Lee Wilcox	185.65
3561	Art Williams	225.64

TOTAL FACULTY PAYROLL

30,257.26

CIVIL SERVICE

3562	Doloras J. Alderman	130.02
3563	George S. Atkinson	139.92
3564	C. A. Bacon	134.27
3565	Stanley Bittle	111.80
3566	W. F. Bridges	145.30
3567	Harold V. Brobeck	152.06
3568	Irene L. Brown	146.32

SCHOOL OF MINES TAX FUND

3569	William D. Caldwell	114.35
3570	George H. Carns	114.35
3571	Engra M. Childers	154.25
3572	J. L. Cooper	126.87
3573	David H. Davison	144.75
3574	Carson L. Doss	273.30
3575	Sterling L. Dryden	130.27
3576	Ann M. Dukes	164.80
3577	Fred D. Easley	159.22
3578	Robert E. Gibson	144.95
3579	Merle J. Graves	111.80
3580	Bert F. Harrison	134.55
3581	Louis J. Hartmann	130.40
3582	Doris P. Haynes	138.95
3583	C. G. Hemberger	208.04
3584	J. J. Hemberger	195.00
3585	Chester P. Herr	125.45
3586	Violet K. Horning	146.29
3587	Earl L. Johnson	159.22
3588	Edward Lange	142.17
3589	William Lee	139.22
3590	Donald Ljungvall	147.29
3591	Fred Ljungvall	159.74
3592	Edward S. Maddox	109.35
3593	Charles Marchand	159.22
3594	O. F. Maughan	169.40
3595	Chris Mester	146.11
3596	Lois K. Note	138195
3597	Maurice C. Nelson	114.35
3598	Clarence Nichols	206.44
3599	H. F. O'Neil	168.41
3600	John W. Pickthall	216.90
3601	Dorothy J. Prouse	123.87
3602	Jacob T. Pyle	125.87
3603	Stanley Ratajezyk	125.45
3604	James H. Rich	143.09
3605	Robert H. Richards	167.50
3606	Kenneth Robinson	123.87
3608	Elmer C. Ryan	138.77
3609	Ruth N. Sackett	126.60
3610	Albert E. Simpson	144.99
3611	James L. Simpson	128.13
3612	James Smith	179.40
3613	Mary C. Son	161.51
3614	Gustaf F. Stalgren	125.45
3615	Myrtle H. Stephens	130.02
3616	Leslie B. Talbert	140.05
3617	Charles S. Thomas	125.45
3618	Wm. F. Tobin	207.47
3619	Louise M. Waters	130.50
3620	A. G. Webster	152.66
3621	Mary H. Wilkerson	144.45

TOTAL CIVIL SERVICE PAYROLL

8,810.95

SCHOOL OF MINES TAX FUND
MISCELLANEOUS

3622	Louise Brewsaugh	164.65
3623	Nick Galuti	116.35
3624	Francis K. Cannaday	26.00
3625	Marjorie K. Choniak	171.82
3626	Russell C. Cutter	73.00
2627	Ruth M. Darde	123.80
3628	Mildred Earl	130.70
3629	Mildred N. Essary	135.10
3630	Agnes M. Greenaway	139.80
3631	Herbert E. Gunderson	50.00
3632	Harriet J. Hanson	127.10
3633	Viola M. Jameson	134.00
3634	Jean D. Jenkins	135.40
3635	E. A. Kehn	133.33
3636	Mrs. Robert Knox	9.00
3637	Marvin Thomas	118.90
3638	John H. Miller	36.40
3639	Jean J. Noren	171.82
3640	Homer W. Opland	21.00
2641	Ruth Radojits	134.00
2642	Edward E. Rue	55.00
2643	Leo K. Wilson	135.40
2644	Welda Sandidge	135.20

TOTAL MISCELLANEOUS PAYROLL

2,477.47

STUDENT HELP

3645	William D. Baker	33.48
3646	Henry S. Beardsely, Jr.	10.40
3647	Dick Bench	13.00
3648	C. W. Boulby	9.75
36497	Harry L. Brown	21.78
3650	Karl K. Brown, Jr.	11.05
3651	James K. R. Clodfelter	7.80
3652	Burton E. Coles, Jr.	16.25
3653	L. Stevens Conder	19.50
3654	Verner D. Coombs	9.10
3655	James R. Cross	9.75
3656	J. P. Dempsey	10.40
3647	Warren S. Dronen	17.55
3658	Wm. F. Dukes	7.15
3659	Charles J. Dunn	13.00
3660	Jack Earl	6.50
3661	Robert R. Edison	13.00
3662	Wm. H. Everett	9.75
3663	George M. Fentress	13.00
3664	Paul J. Fouret	33.15
3664	Burton S. Goldberg	19.50
3666	Ross A. Harris	9.75
3667	William Hostetter	13.00
3668	Louis M. Hoyart	19.50

March 11, 1949

SCHOOL OF MINES TAX FUND

3669	John W. Hudson	10.40
3670	John R. Hyland	10.40
3671	Lyle R. Jenkins	27.14
3672	Harry C. Kent	9.10
3673	C. W. Kerns	19.50
3674	Richard L. Klebe	29.90
3675	Norman Korn	19.50
3676	Louis L. Landers	19.50
3677	Charles W. Leaf	10.40
3678	John P. Lockridge	28.28
3679	Robert W. Meader	33.80
3680	R. E. Oppel	17.55
3681	Henry Overstake	13.00
3682	Robert B. Owen	73.78
3683	Glenn J. Paulter	19.50
3684	David A. Rowland	19.50
3685	Edward B. Ryan	39.00
3686	David Seegal	10.40
3687	Robert B. Shaller	10.40
3688	Joseph Siegelman	7.80
3689	Maxwell Silverman	24.05
3690	Jack G. Sutton	9.10
3691	L. Toman, Jr.	5.85
3692	Robert R. Ward	20.80
3693	James M. Warfield	16.90
3694	William M. Webb	35.75
3695	Robert G. Wheeler	29.25
3696	Merton O. Whitlow	26.00
3697	Howard C. Worzel	19.50
3698	Ted Zaguraki	19.43
3699	Robert M. Zink	15.00
3700	Richard W. Zoerb	24.70

TOTAL STUDENT HELP

1,012.29

2869	Withholding Tax Account	3,040.60
2870	Pub. Emp. Retirement Fund	1,407.37
2871	Colorado Hospital Service	525.78
2872	State C.S. Emp. Insurance	18.95
2873	War Bond Account	257.88
2874	State's Share Retirement	1,358.53

5,250.58

1,358.53

49,167.08

47,808.55

TOTAL PAYROLL

EXPERIMENTAL PLANT FUND

158	Clair E. Dillon	182.95
159	R. B. Eldredge	205.49
160	Samuel Gamble	172.20
161	Emmitt R. Waddox	144.75
162	George T. Naughan	122.51
163	Consuelo A. Owens	140.20

TOTAL EXPERIMENTAL PLANT PAYROLL

968.10

93	Withholding Tax Account	52.00	
94	Public Emp. Retirement Fund	29.59	
95	Colo. Hospital Service	18.25	99.84

TOTAL EXPERIMENTAL PLANT PAYROLL

1,067.94

SUPPLY VOUCHERS

2875	Owen F. Acers	2,033.74
2876	Addressograph-Multigraph Corp.	86.92
2877	Airphoto Survey, Inc.	52.50
2878	A.I.M.E., Inc.	12.80
2879	Amer. Museum of Natural History	28.55
2880	American Standards, Inc.	8.28
2881	Amsterdam Printing & Litho Co.	11.24
2882	Applied Research Laboratories	31.58
2883	Assoc. of Amer. State Geol.	15.00
2884	Aurora Salvage Co.	28.00
2885	Bear Frame & Axle Service Co.	16.50
2886	J. Bishop & Co.	149.37
2887	Keith Bowen	27.90
2888	British Information Services	12.80
2889	Brunswick-Balke-Collender Co.	11.67
2890	Ruehler Ltd.	106.84
2891	Bunker Hill Smelter Dr.	25.00
2892	Wm. V. Burger	18.67
2893	Butler Paper Co.	122.65
2894	Canadian Instit. of Mining & Met.	10.00
2895	Frederick M. Carpenter	7.15
2896	Carpenter Paper Co.	45.57
2897	Central Scientific Co.	327.10
2898	Chemical Rubber Co.	46.54
2899	City Chemical Co.	10.01
2900	City of Golden Water Dept.	2,027.71
2901	Colorado Central Power Co.	1,588.54
2902	Colorado National Guard	100.00
2903	Colo. & Southern Railway Co.	61.99
2904	Colorado Transcript	5.50
2905	Continental Oil Co.	276.87
2906	Coors Porcelain Co.	23.04
2907	H. M. Crain	78.32
2908	Crane-Ofallon Co.	234.66
2909	W. H. Curton & Co.	20.55
2910	Joe Davies	79.72
2911	Davison-Koch Furniture Co.	5.25
2912	Dale Deane	5.45
2913	L.W. Deffenbaugh Lumber Store	58.36
2914	Denver Bookbinding Co.	416.52
2915	Denver Equipment Co.	868.87
2916	Denver Fire Clay Co.	1,545.83
2917	Clair Dillon	15.00
2918	Denver Towel Supply Co.	93.63
2919	Duplicator Supply Co.	48.10
2920	E.I. DuPont De Nemours & Co.	8.25